

# Converting Colors

Hex(825D3C)

Have a look what the booklet for  
Hex(825D3C) contains.

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**Color**

**Hex(825D3C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	825D3C
RGB	130, 93, 60
RGB Percent	51%, 36%, 24%
CMY	0.4902, 0.6353, 0.7647
CMYK	0.00, 0.28, 0.54, 0.49
HSL	28°, 37%, 37%
HSV	28°, 54%, 51%
XYZ	13.9359, 12.9008, 6.0306
YIQ	100.3010, 32.6450, -2.4190

# Conversions

## Conversions Part 2

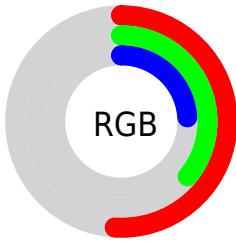
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 122, 60
Decimal	8543548
CIE <sub>Lab</sub>	42.61, 11.01, 24.82
CIE <sub>LCh</sub>	43, 27.154, 66.078
Yxy	12.9008, 0.4240, 0.3925
Android (android.graphics.Color)	4286733628 (0xFF825D3C)
YUV	100.3010, -19.8684, 26.0460
Hunter-Lab	35.9176, 6.4013, 15.1876

# Details

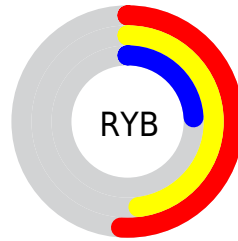
The Hex color **825D3C** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3C6182**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **B98F6C**, and **4E2F10** is the 20% darker color. If you saturate the color by 10%, you get **82562F**, and if you desaturate by 10%, it is **826449**.

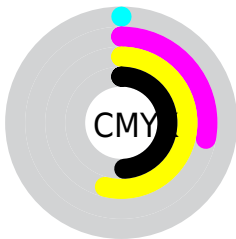
# Distribution



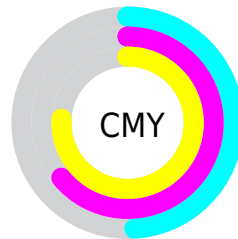
- Red (51%)
- Green (36%)
- Blue (24%)



- Red (51%)
- Yellow (48%)
- Blue (24%)



- Cyan (0%)
- Magenta (28%)
- Yellow (54%)
- Black (49%)



- Cyan (49%)
- Magenta (64%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 825D3C changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 825D3C by changing the saturation by 10% instead.



 825D3C

 825D3C

FFFFFF

 684526

 B98F6C

 4E2F10

 D5AA85

 361A00

 F2C5A0

 1E0100

 FFE1BB

 000000

 FFFED7

 FFFFF3

 825D3C

 825D3C

 82562F

 826449

■ 824F22

■ 826B56

■ 824815

■ 827263

■ 824208

■ 827870

■ 823D00

■ 827F7D

■ 82868A

■ 828D97

■ 8294A4

■ 829BB1

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8E564B



825D3C



6F6537

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



825D3C



177169



6D5D89

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



825D3C



3C6182

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4B6591



825D3C



00707E

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



825D3C



3B6F52



1F6C8D



845677

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



825D3C



5F693B



1F6C8D



63608D



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



825D3C



A89A8D



823C61



544C44



D4D4D4



545454



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



825D3C



A86E3B



82803C



403C39



803C00



000000



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



3C6182



3B75A8



3C3E82



393D40



004380



000000



# Previews

## White Background



This preview shows how the Hex color 825D3C looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 825D3C Background



This preview shows how black text looks on a background with the Hex color 825D3C.



This preview shows how white text looks on a background with the Hex color 825D3C.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
825D3C

**Protanopia**  
6E653F

**Deuteranopia**  
7B603B



**Tritanopia**  
85595F

# Trichromacy



**Original Color**  
825D3C

**Protanomaly**  
75623E

**Deuteranomaly**  
7E5F3B

**Tritanomaly**  
845A52

# Monochromacy



**Original Color**  
825D3C

**Achromatopsia**  
646464

**Achromatomaly**  
6F6155

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 825D3C is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #825D3C looks like.

```
.text, #text, p{  
    color:#825D3C  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #825D3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #825D3C
}
```

## Border

The CSS property to change the border of an element to Hex 825D3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

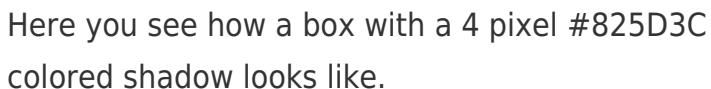
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#825D3C }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#825D3C }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #825D3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #825D3C; -webkit-box-shadow:4px 4px  
4px 4px #825D3C; box-shadow:4px 4px 4px  
4px #825D3C }
```

# Background

The CSS property to change the background color of an element to Hex 825D3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#825D3C }
```

If only the background color should be changed can be used:

```
.background{ background-color:#825D3C }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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